

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037949.D
 Acq On : 12 Nov 2018 18:05
 Operator : JU/SJ
 Sample : J5901-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-E

Quant Time: Nov 13 06:10:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

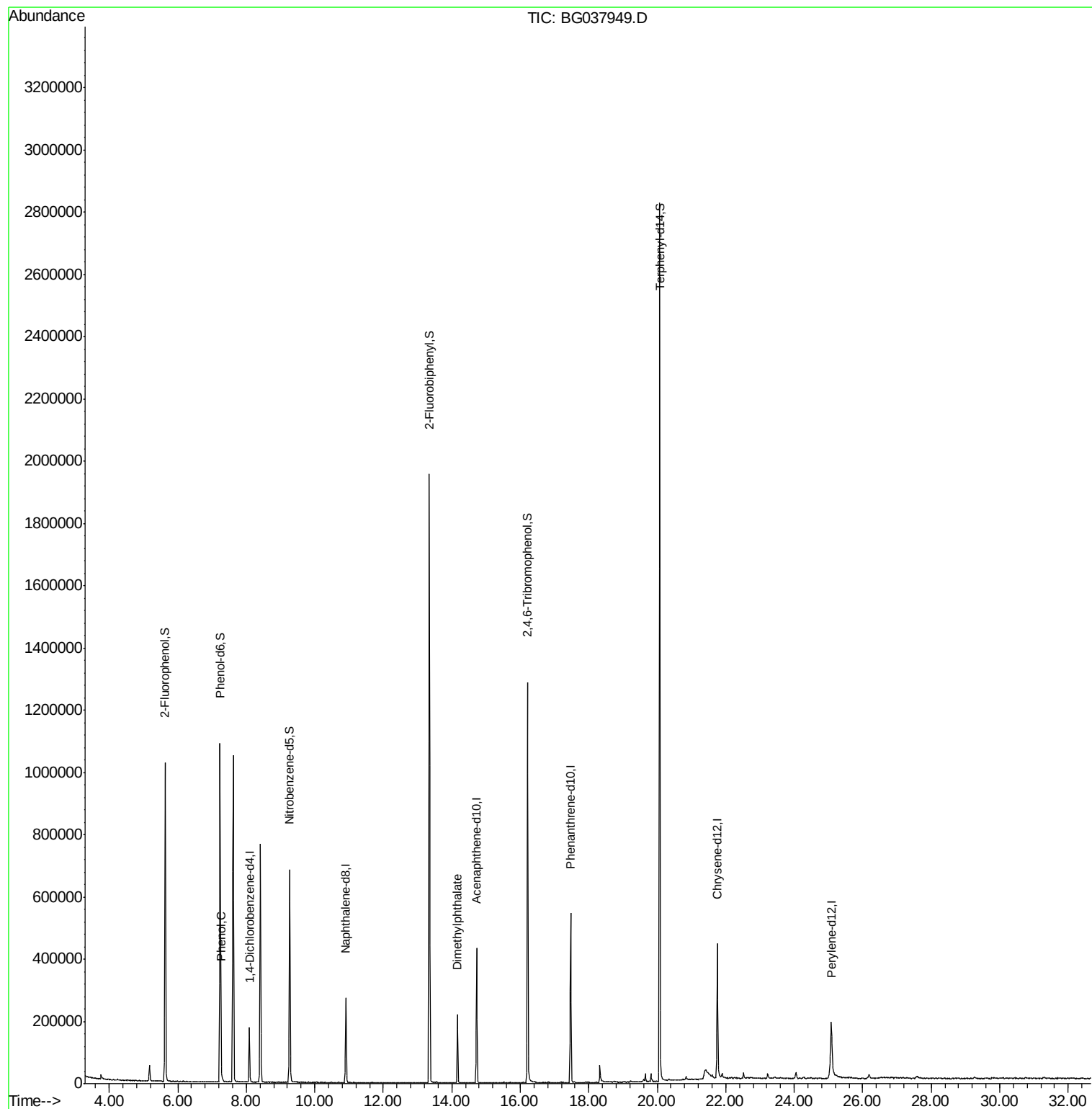
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54150	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	243714	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	161175	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	343153	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	298181	20.00	ng	-0.02
87) Perylene-d12	25.08	264	248947	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	478093	147.61	ng	-0.02
7) Phenol-d6	7.24	99	710995	145.17	ng	-0.02
23) Nitrobenzene-d5	9.27	82	435369	100.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	241071	137.13	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1048424	98.09	ng	-0.02
79) Terphenyl-d14	20.07	244	1397752	100.16	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	42785	8.280	ng	96
50) Dimethylphthalate	14.17	163	155908	12.504	ng	99

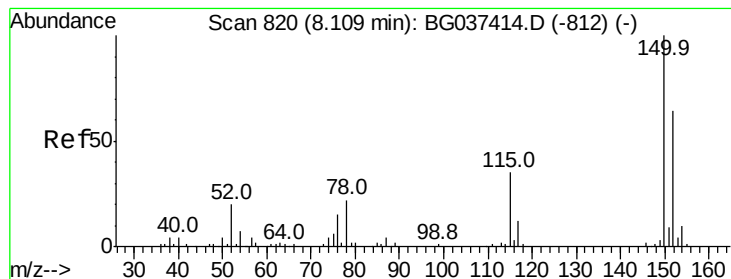
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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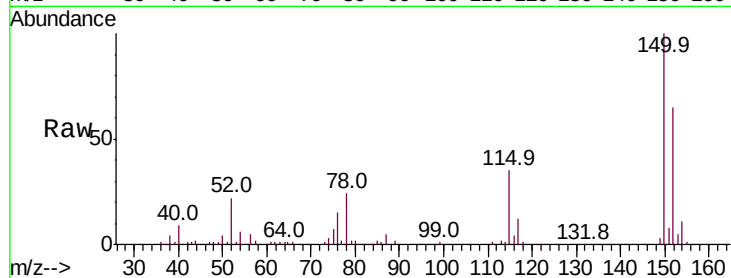


#1

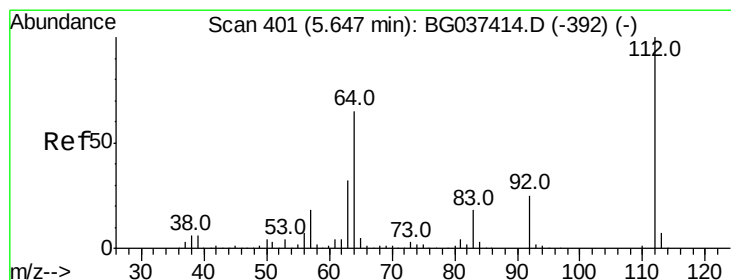
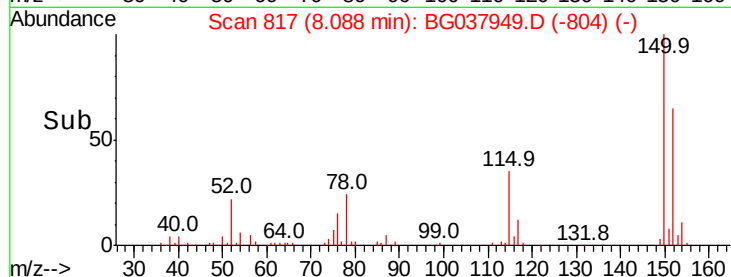
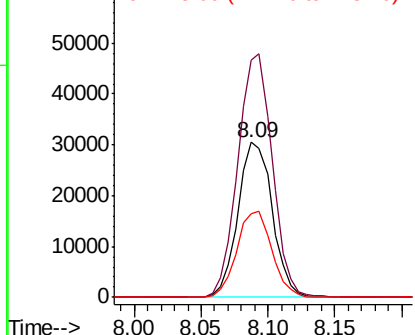
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tot Ion:152 Resp: 54150
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 53.5 45.5 68.3



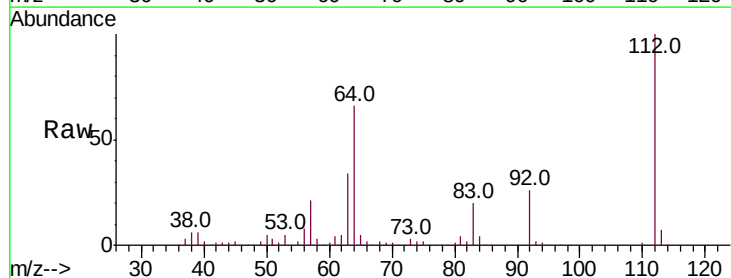
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



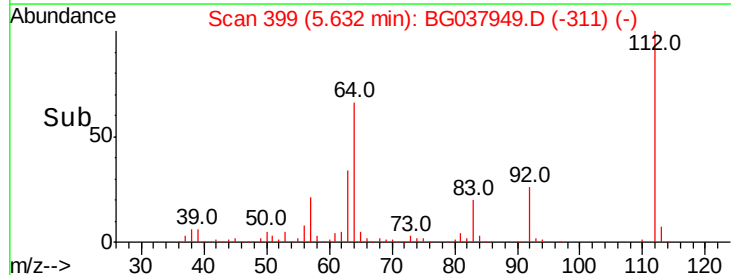
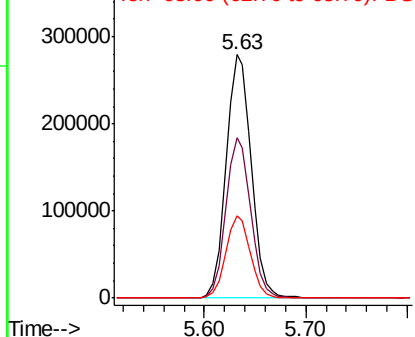
#5

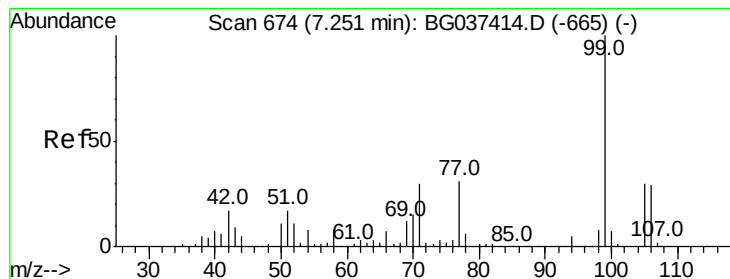
2-Fluorophenol
Concen: 147.609 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:112 Resp: 478093
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 145.171 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

S-E

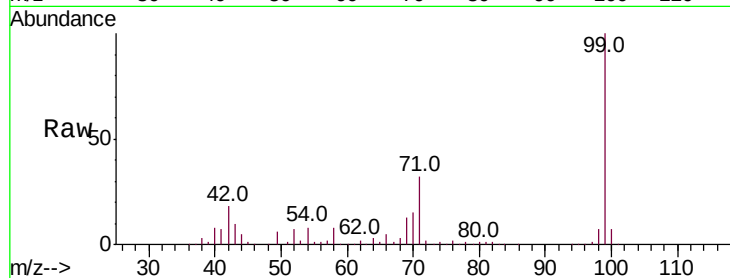
Tot Ion: 99 Resp: 710995

Ion Ratio Lower Upper

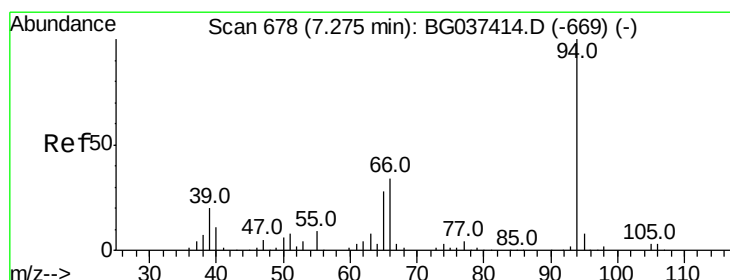
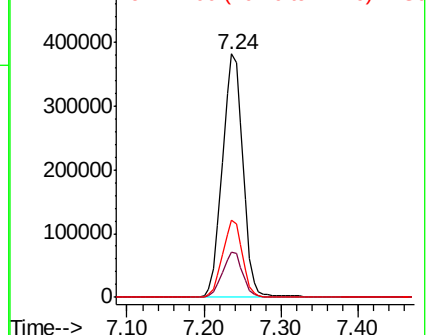
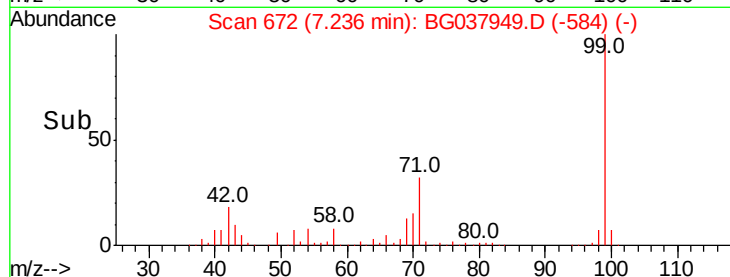
99 100

42 18.3 15.0 22.4

71 31.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 8.280 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

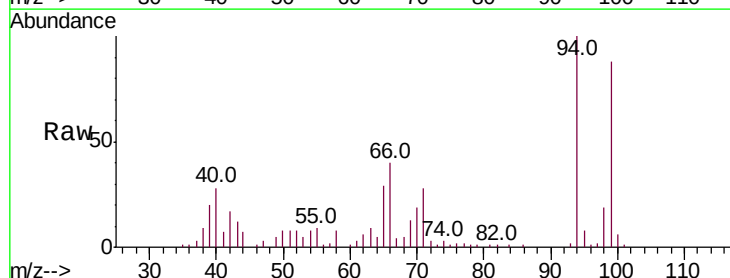
Tgt Ion: 94 Resp: 42785

Ion Ratio Lower Upper

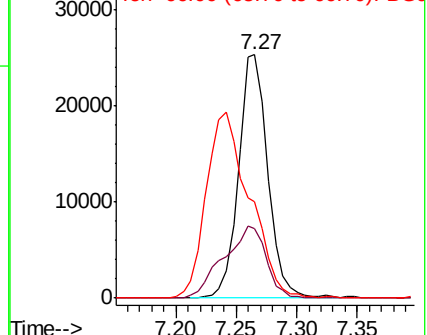
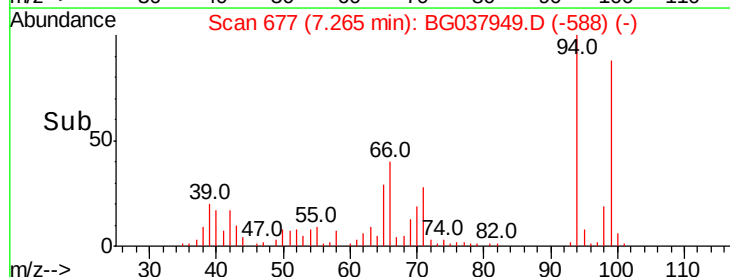
94 100

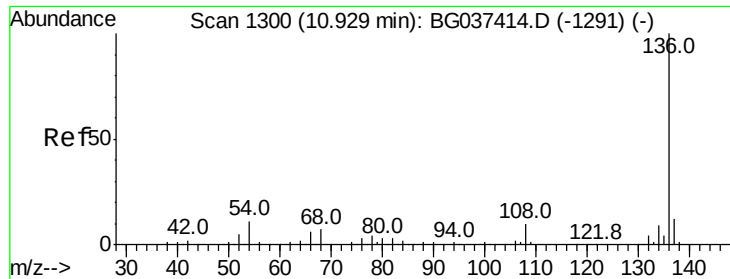
65 28.8 9.7 49.7

66 39.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

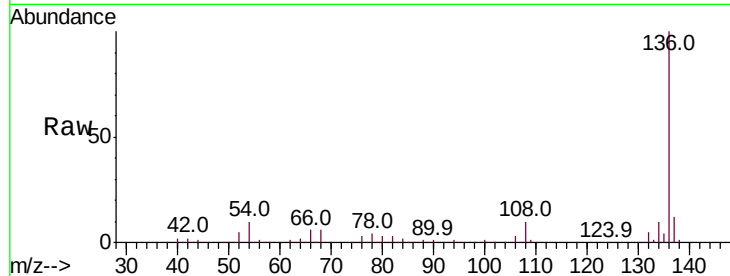




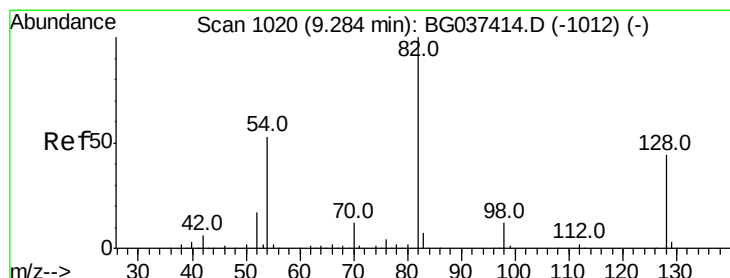
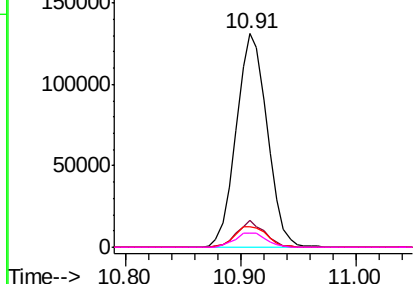
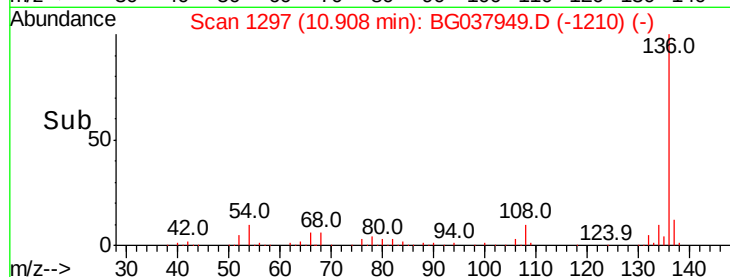
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tot Ion:	136	Resp:	243714
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	9.8	7.9	11.9
68	6.5	4.8	7.2

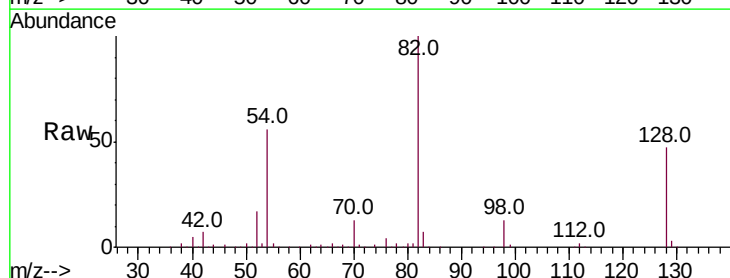


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

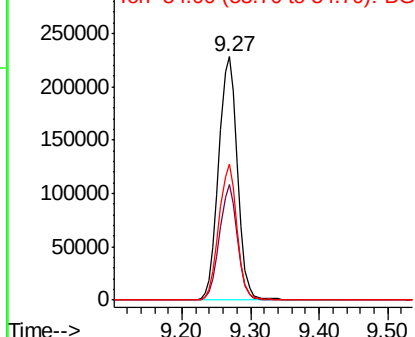
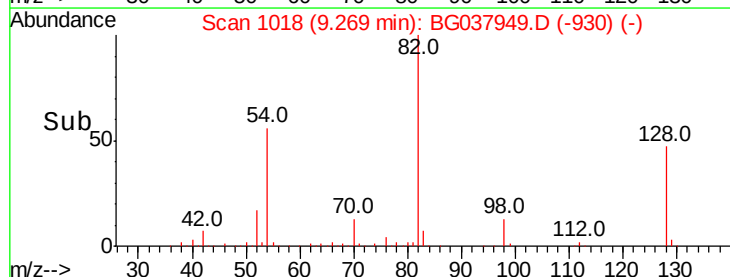


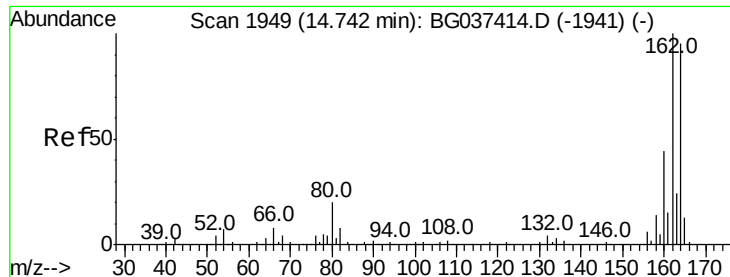
#23
Nitrobenzene-d5
Concen: 100.072 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:	82	Resp:	435369
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	51.8
54	55.8	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

S-E

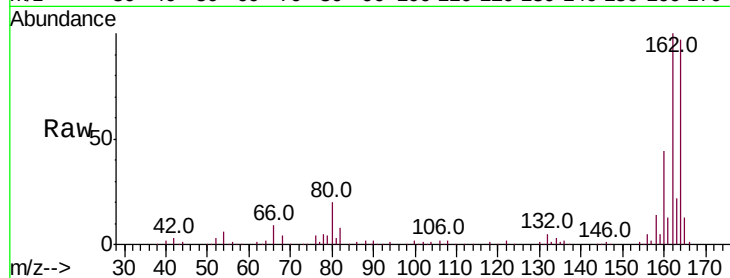
Tot Ion:164 Resp: 161175

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

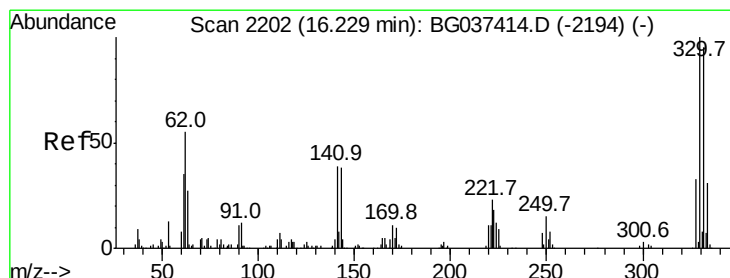
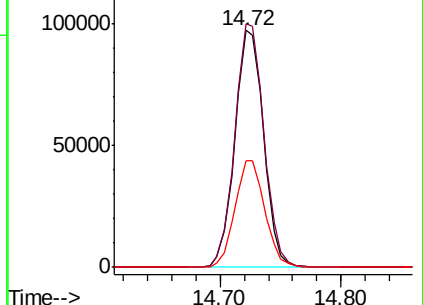
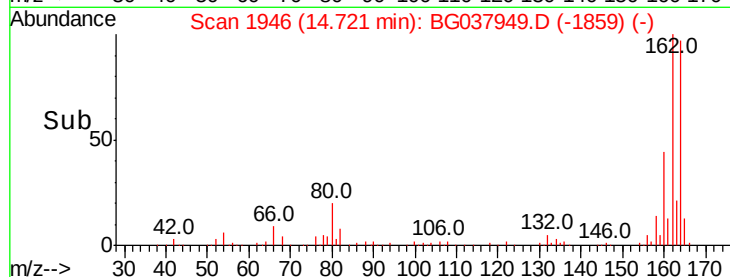
160 44.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 137.134 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

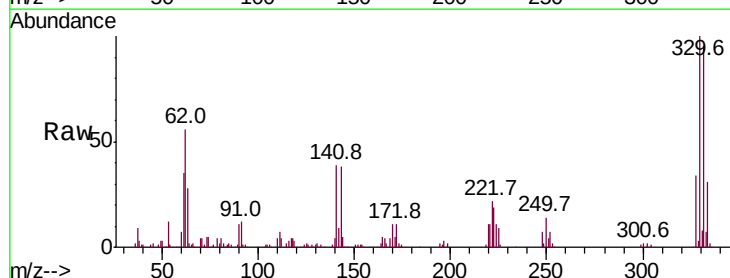
Tgt Ion:330 Resp: 241071

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

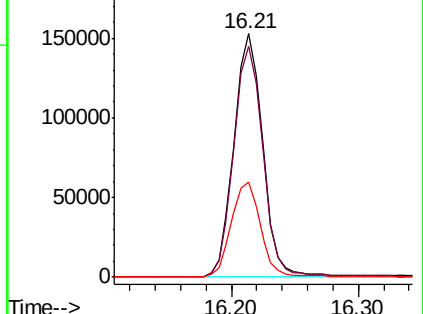
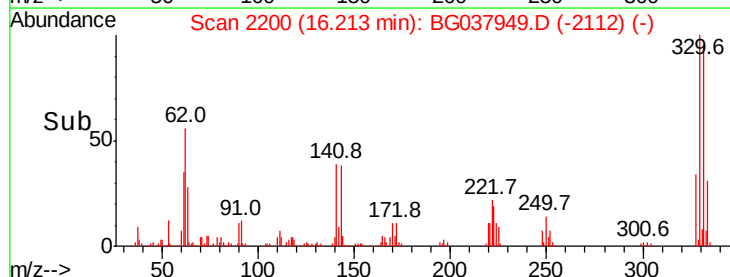
141 39.8 32.2 48.2

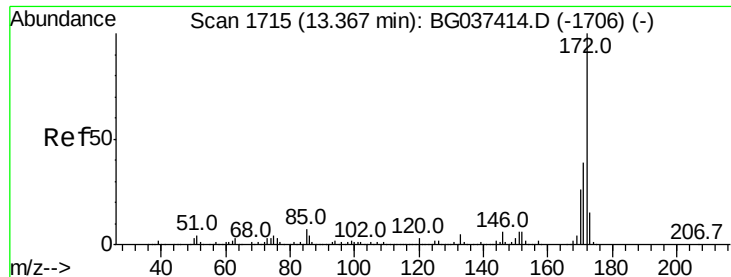


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

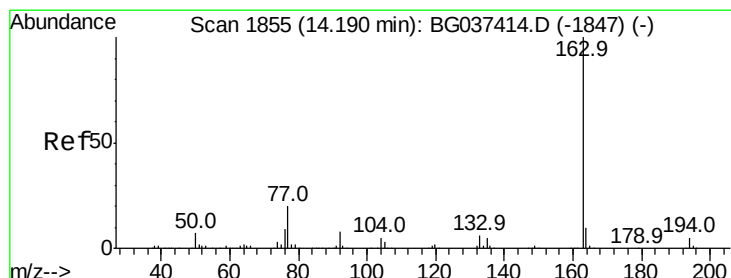
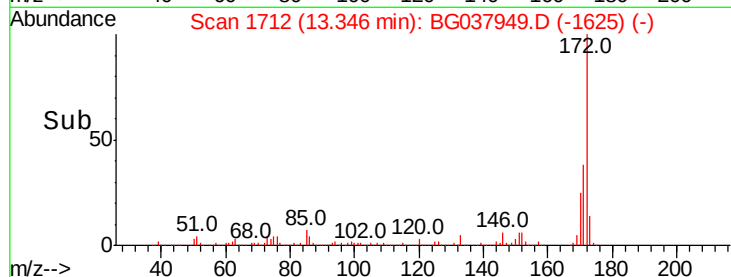
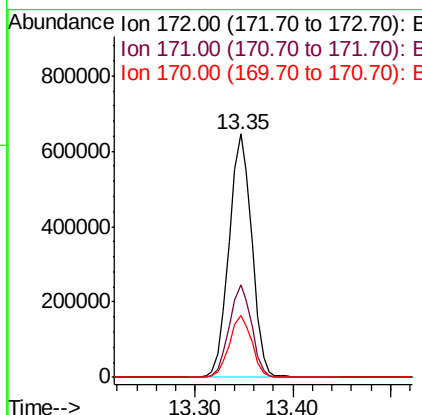
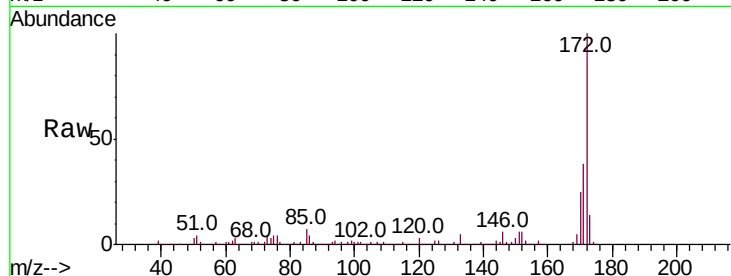




#45
2-Fluorobiphenyl
Concen: 98.090 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

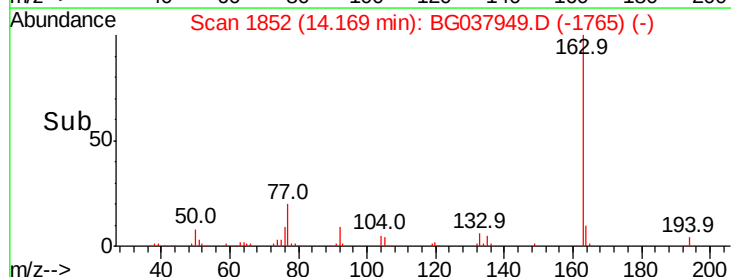
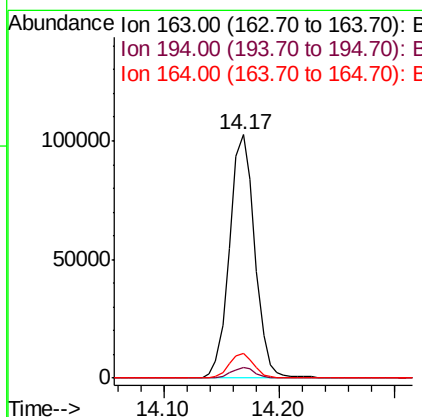
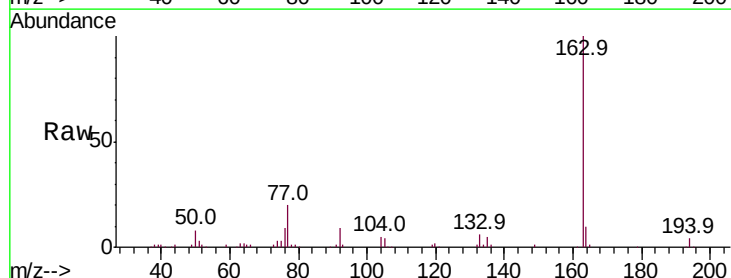
Instrument :
BNA_G
ClientSampleId :
S-E

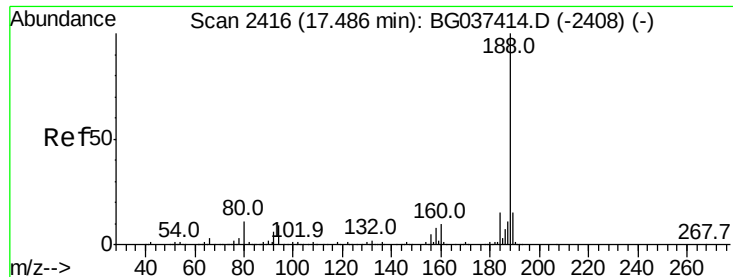
Tot Ion:172 Resp: 1048424
Ion Ratio Lower Upper
172 100
171 38.0 31.0 46.4
170 25.2 20.2 30.2



#50
Dimethylphthalate
Concen: 12.504 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:163 Resp: 155908
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.0 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

S-E

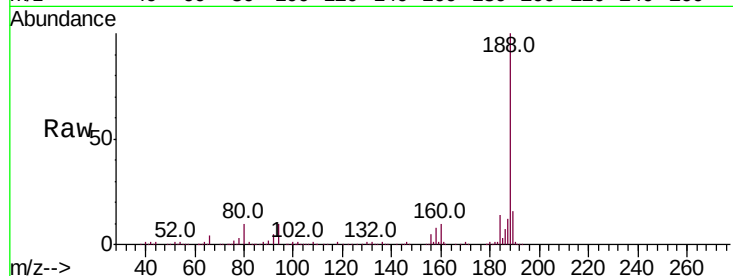
Tot Ion:188 Resp: 343153

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

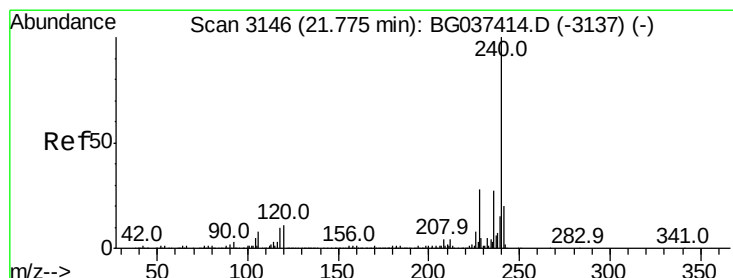
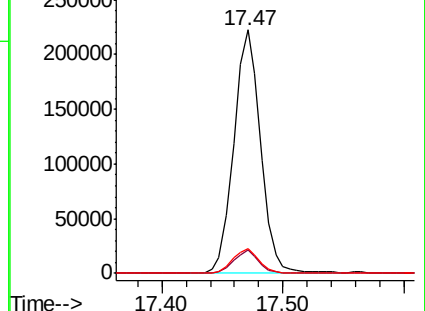
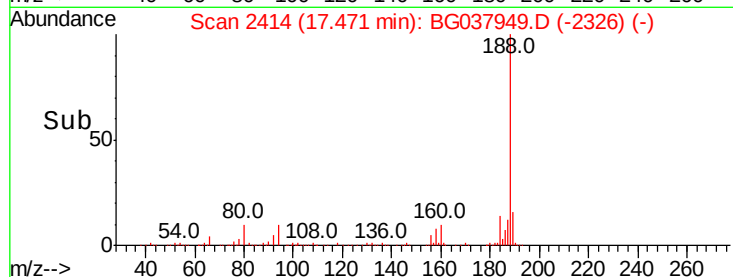
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

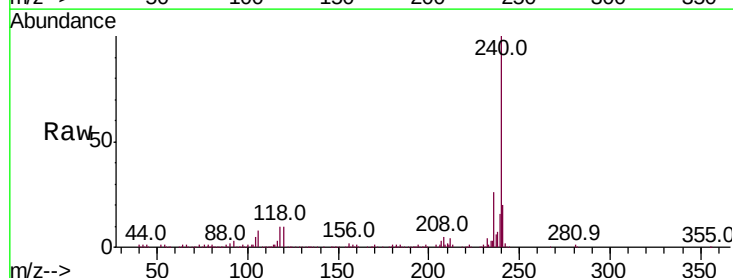
Tgt Ion:240 Resp: 298181

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

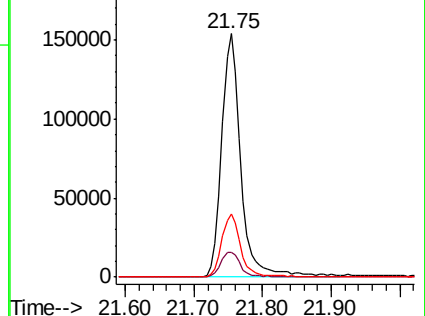
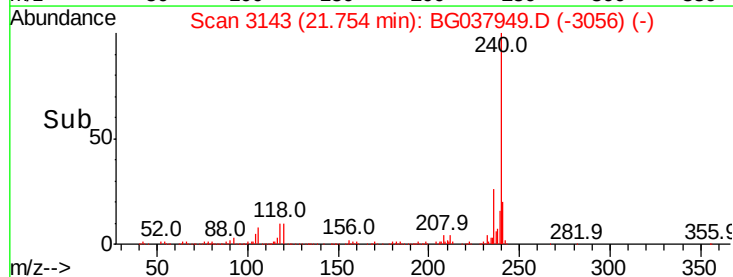
236 25.7 21.4 32.0

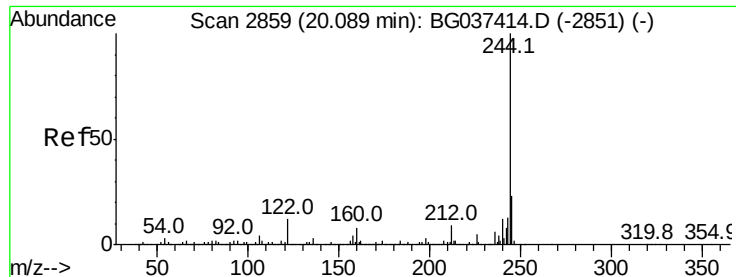


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.163 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

Instrument :

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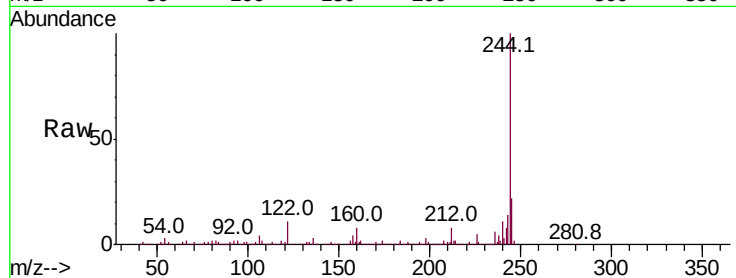
Tot Ion:244 Resp: 1397752

Ion Ratio Lower Upper

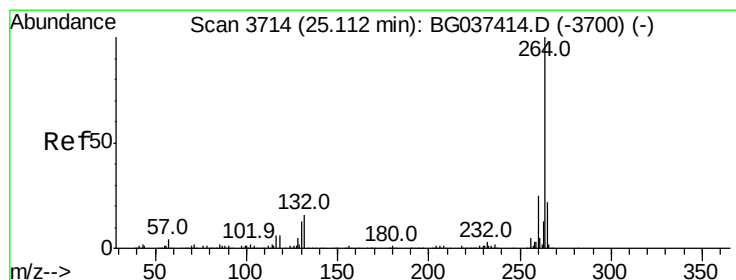
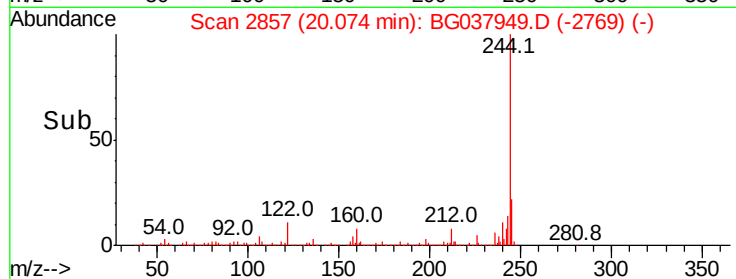
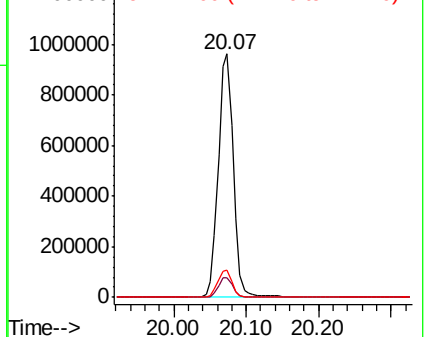
244 100

212 8.3 6.5 9.7

122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037949.D

Acq: 12 Nov 2018 18:05

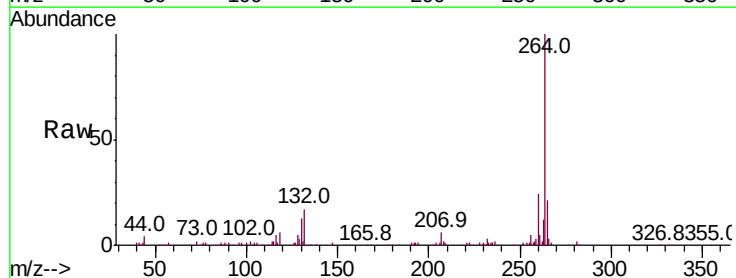
Tgt Ion:264 Resp: 248947

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

